

Scott M. Matheson
Governor



James O. Mason, M.D., Dr.P.H.
Executive Director
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STATE OF UTAH

DEPARTMENT OF HEALTH

DIVISION OF ENVIRONMENTAL HEALTH

150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110

533-6146

January 13, 1981

Alvin E. Rickers, Director
Room 426 801-533-6121

CERTIFIED MAIL

Return Receipt Requested

Richard A. Dye
Reclamation Engineer
Atlas Minerals
Big Indian Mines
Moab, Utah 84532

RE: Unauthorized Construction

Dear Mr. Dye:

Your December 15, 1980 letters to our office indicated that Atlas Minerals has constructed a wastewater evaporation facility for the Dunn Mine and is constructing a similar facility for the Calliham Mine in San Juan County. Since Atlas Minerals did not submit plans for these facilities the necessary construction permit from this office was not issued. Our letter of January 4, 1980 and August 2, 1978 stated that plans must be submitted to this office for review and approval as required by the Utah Wastewater Disposal Regulations sections 1.2.1 - 1.2.4.

Therefore, Atlas Minerals is hereby ordered to cease any further construction on these two wastewater facilities and to not use either wastewater system until sufficient additional information is submitted and approved.

The following additional information should be submitted for each system:

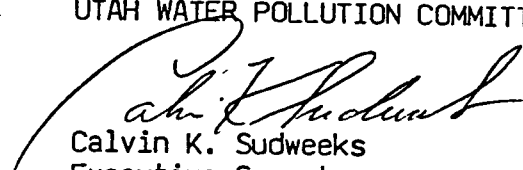
1. Soil conditions to a depth of 4 feet below the finished pond bottom.
2. Maximum ground water level.
3. Chemical and radiological analysis of the wastewater.
4. Location and water analyses of any well or water source within one-half mile of the ponds.
5. Method of isolation from livestock and public.
6. Design basis for total containment including evaporation and seepage rates.

7. Details and specifications for the wastewater pipeline route, pipe material and cleanouts.
8. Details of the pond inlet and emergency overflow.
9. Plan view and cross section of the pond showing freeboard, dike width and slope.
10. Size of lifts and compaction specifications for the clay liner and dikes.

This information must be submitted and the site inspected so that we can complete our review.

Sincerely,

UTAH WATER POLLUTION COMMITTEE



Calvin K. Sudweeks
Executive Secretary

SRM:laf:

cc: Oil, Gas & Mining
Southeastern 208
Southeastern District Health Department
Fred Nelson, Assistant Attorney General